

DRAWINGS

A new drawing sheet having a new Figure 7 is attached to this Response.

REMARKS

Claims 39-58 are currently pending in the application. Of these claims, claims 39, 48, 53, and 56 are independent.

Requirement for New Title

Requirement is made for a new title.

Applicant respectfully submits the title as amended satisfies this requirement.

Objection to Drawings

The drawings are objected to because they must show features of claim 1. Applicant notes claim 1 was previously canceled and therefore presumes the Office Action is referring to claim 39. If this presumption is not correct, Applicant respectfully requests clarification in the next Office Action.

Applicant respectfully traverses this objection as follows.

Applicant respectfully submits the current drawings, and more particularly Figures 4 and 5, adequately illustrate one example of features of claim 39 when viewed in conjunction with their corresponding description. Nevertheless, Applicant respectfully submits herewith a new drawing sheet having a new Figure 7 to more explicitly illustrate features of claim 39.

Applicant therefore respectfully submits this objection has been overcome and should accordingly be withdrawn.

35 U.S.C. § 112, 1st Paragraph Rejections

Claims 39-58 are rejected under 35 U.S.C. § 112, 1st paragraph as failing to comply with the written description requirement because the Examiner has been unable to find support in the original specification for features of independent claims 39, 48, 53, and 56.

Applicant respectfully traverses these rejections as follows.

Applicant respectfully submits the specification as originally filed provides support for the features of claims 39-58. Features of independent claims 39, 48, 53, and 56 are generally

more explicitly supported, for one example and without limitation, in paragraph [0031] on page 15 as follows, where generally corresponding claimed features are contained in brackets:

[0031] The all-predicates writing instruction 408 [first instruction] uses the newly-allocated predicate register file 404 [second register file] as a destination for the instruction 408. Thus, the instruction 408 does not have to check or stall for any WAW dependencies [data dependency] due to pending predicate writes [second instruction pending with the first instruction] because it has its own free predicate register file 404. Any pending writes may write to the previously selected predicate register file 402 [first register file]. This may occur simultaneously or out of order with the all-predicates write to the newly allocated predicate register file 404. The previously selected predicate register file 402 may be de-allocated when the all-predicates writing instruction is committed in-order [commitment of the first instruction]. * * *

Applicant notes that in this example a pending predicate write (pending second instruction) may be understood to access the predicate register file 402 (first register file) prior to commitment of the all-predicates writing instruction 408 (first instruction) because the predicate register file 402 (first register file) may be deallocated when the all-predicates writing instruction 408 (first instruction) is committed.

Applicant therefore respectfully submits these rejections of claims 39-58 have been overcome and should accordingly be withdrawn.

It is respectfully submitted this patent application is in condition for allowance, for which early action is earnestly solicited.

The Examiner is invited to telephone the undersigned to help expedite the prosecution of this patent application.

Respectfully submitted,

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